



**50001 Ready and 50001  
Implementation Cohorts**

**Info Sessions**

# ***WHY ISO 50001?***



# Why ISO 50001?

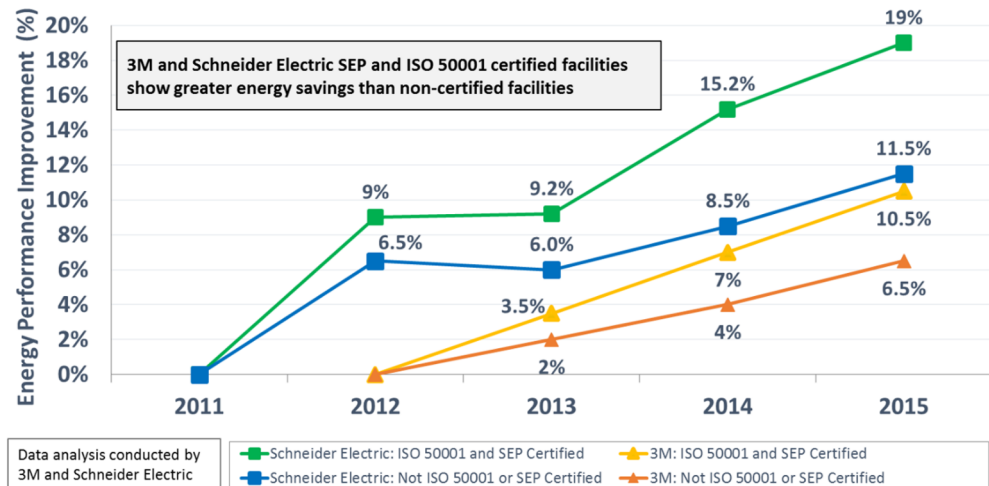
**Known** – Still large potential for industrial/commercial site energy and carbon savings, historic improvement focus has been on ad hoc projects, low hanging fruit

**We believe** - Best way to achieve the fullest potential is to improve governance and management of energy across a company to improve energy performance on a continuing basis

- An EnMS (*Energy Management System*) is best way to accomplish this
- ISO 50001 is best available - internationally consistent / proven / recognized

## Conclusion

*Broad market acceptance and implementation of ISO 50001 in the U.S. will significantly improve EE and reduce GHG at industrial and commercial sites*



Savings at certified facilities greater on average compared to non-certified facilities:

- 3M: 62% greater over 3 years: 18 ISO 50001 sites across 7 countries; 2 US SEP, 1 Korea SEP certified; 257 non-ISO 50001
- Schneider Electric: 65% greater over 4 years: 20 ISO 50001 in North America; 16 US SEP certified; 30 non-ISO 50001

# ISO 50001: Best Practice Energy and Carbon Governance





# ISO 50001 in the U.S.

“The ISO 50001 framework not only builds upon our energy management systems, but also help us drive consistency and performance improvements across our locations.”

Steve Sacco,  
**Schneider Electric** Vice President,  
Safety, Environment & Real Estate



*ISO 50001 Certified  
Cummins  
Manufacturing  
Facility*

“ISO 50001 helped us nearly double our ENERGY STAR Portfolio Manager score over the years.”

Alfred Blackmar,  
**Aflac** Vice President, Facilities Support



*ISO 50001  
Certified Google  
Data Centers*

## Examples of companies adopting ISO 50001



Jerome School District

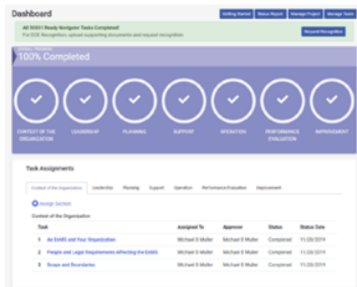


# ***WHY 50001 READY?***



# What is 50001 Ready?

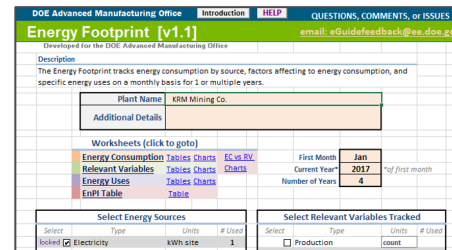
- A self-paced, **step-by-step framework** to implement a world class energy management system (EnMS) based on ISO 50001.
- Offers **recognition** for self-attesting to completion of 50001 Ready tasks to establish an energy management system consistent with ISO 50001 standard . There is no third-party certification requirement.
- Includes a **suite of resources** to support continuous improvement in institutional, commercial, and industrial facilities including open-source software tools.
- Supports ‘enterprise’ or **multi-facility** EnMS adoption.



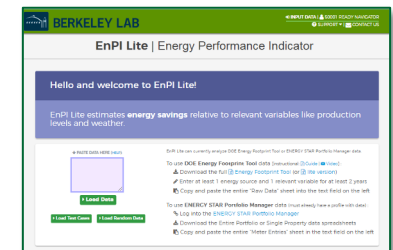
**50001 Ready  
Navigator**



**Navigator Task  
Worksheets**



**Energy Footprint  
Tool**



**EnPI Lite Tool**

# 50001 Ready Recognition

## Three Steps to Becoming 50001 Ready

### STEP 1

#### Start Implementation of ISO 50001 principles

##### Use the 50001 Ready Navigator Online Tool

The Navigator walks you through the process of implementing an energy management system and prepares you to be 50001 Ready.

### STEP 2

#### Analysis of energy and emissions reductions

##### Adopt Valid Tool to Present Energy Performance

DOE offers the EnPI Lite tool for 50001 Ready.  
EPA's Portfolio Manager can also be used  
Other tools can be approved by DOE

### STEP 3

#### Request 50001 Ready recognition

##### Submit information to DOE for Review

Self-attestation of completion of Navigator,  
executed by team leader and executive  
Submit energy performance data



**50001 Ready**  
U.S. DEPARTMENT OF ENERGY

DOE or Utility  
recognizes  
50001 Ready  
achievement



# ***DOE 50001 Ready Cohorts***



# 50001 Ready Cohorts: DOE's Newest Technical Assistance Program



## 50001 Ready Cohort Program Basics

- Launched in January 2021
- Provides 6-12 months of support to groups, or “cohorts” of sites from one or more organizations
- Focused on supporting implementation of ISO 50001-based energy management systems.
- Available to any U.S.-based industrial, commercial, and institutional site.
- Participating sites commit to complete the program, implement ISO 50001, and then apply for 50001 Ready recognition.

# 50001 Ready Cohorts: Program Structure

## Group Trainings

50001 Ready Coaches train participants on how to implement each of the 25 steps needed to build a systematic energy management approach using the 50001 Ready Navigator

## Site-level Homework

Participants work to complete assigned tasks in the 50001 Ready Navigator using 50001 Ready Playbook Worksheets.

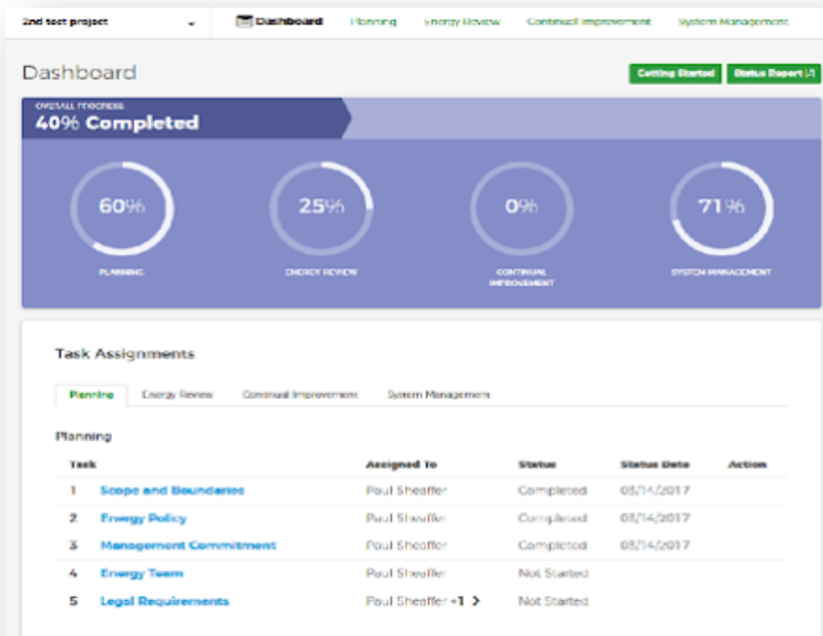
## 1-on-1 Coaching Calls

Participants share feedback on training and bring questions and challenges faced for discussion with 50001 Ready Coaches

# Group Training

Cohort participants will be trained to use the 50001 Ready Navigator - DOE's free, online tool that provides a simple, step-by-step approach to ISO 50001 implementation

## *50001 Ready Navigator*



Example Group Training Schedule	50001 Ready Navigator Tasks Covered
1. Context of the Organization	Tasks 1-3
2. Leadership	Tasks 4-6
3. Planning	Tasks 7-13
4. Support	Tasks 14-16
5. Operations	Tasks 17-19
6. Performance Evaluation	Tasks 20-23
7. Continual Improvement	Tasks 24-25



# Implementing Lessons from Group Trainings

1. Doing Homework: Following each group training session, participants work to complete assigned 50001 Ready Navigator tasks using the program Playbook which is designed to help you implement 50001 Ready.
1. Getting Help During Coaching Calls: Bring questions and challenges you are facing to your monthly 1-on-1 discussion with your coach to get support on implementation
1. Sharing Progress: Update the 50001 Ready Navigator with your progress before the next group training session.

# 50001 Ready Cohort Schedule - Example

- = (1) Pre-Program Assessment and orientation period
- = (7) 2-hr Group Training Sessions – 4th week of the month
- = (6) Coaching Calls – Scheduled two weeks after training
- = (1) Post-Program Assessment Call(s)
- = Ongoing Homework and Site Implementation

Month 1							Month 2							Month 3							Month 4							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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3	4	5	6	7	8	9		1	2	3	4	5	6		1	2	3	4	5	6					1	2	3	
10	11	12	13	14	15	16	7	8	9	10	11	12	13	7	8	9	10	11	12	13	4	5	6	7	8	9	10	
17	18	19	20	21	22	23	14	15	16	17	18	19	20	14	15	16	17	18	19	20	11	12	13	14	15	16	17	
24	25	26	27	28	29	30	21	22	23	24	25	26	27	21	22	23	24	25	26	27	18	19	20	21	22	23	24	
31							28							28	29	30	31				25	26	27	28	29	30		
Month 5							Month 6							Month 7							Month 8							
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30	31						27	28	29	30				25	26	27	28	29	30	31	29	30	31					

# Questions?



# Contact info

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**Learn more:**

[www.energy.gov/ISO50001](http://www.energy.gov/ISO50001)